

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN FRANCISCO BAY REGION

ORDER NO. 71-46

WASTE DISCHARGE REQUIREMENTS
FOR
CONTRA COSTA COUNTY WATER DISTRICT
BOLLMAN WATER TREATMENT PLANT

The California Regional Water Quality Control Board, San Francisco Bay Region finds that:

- A. Contra Costa County Water District, called the discharger below, submitted a report of waste discharge dated October 3, 1967.
- B. The discharger is discharging the following waste into the Clayton Valley Drain thence Walnut Creek about four miles upstream from Suisun Bay:
 - 1. Fifty-thousand (50,000) gallons per day is discharged in one hour.
 - 2. The wastes consist of settled sludge from aluminum sulfate coagulation-sedimentation treatment of domestic water supply.
- C. The beneficial uses of the waters of Clayton Valley Drain and Walnut Creek Channel are:
 - 1. Drainage
 - 2. Pleasure boating, fish and wildlife propagation and sustenance - tidal portion of Walnut Creek
 - 3. Esthetic enjoyment
- D. Land within 1000 feet of the discharge is used for residence, pasture and transportation.
- E. The Board has notified the discharger and interested agencies and persons of its intent to prescribe waste discharge requirements for the discharge.
- F. The Board at a public meeting on June 24, 1971 heard and considered all comments pertaining to the discharge.

IT IS HEREBY ORDERED, the Contra Costa County Water District shall comply with the following:

A. Waste Discharge Requirements

- 1. The disposal of waste shall not create a nuisance as defined in Section 13050(m) of the California Water Code.

2. The discharge shall not cause:

- a. Floating, suspended, or deposited macroscopic particulate matter or foam in waters of the State at any place;
- b. Alteration of apparent color beyond present natural background levels in waters of the State at any place;
- c. Bottom deposits at any place;
- d. Aquatic growths at any place;
- e. Visible, floating, suspended or deposited oil or other products of petroleum origin in waters of the State at any place;
- f. Tidal waters of Walnut Creek to exceed the following limits of quality at any point:

pH	7.0, minimum 8.5, maximum
Dissolved Oxygen	5.0 mg/l, minimum
Dissolved Sulfide	0.1 mg/l, maximum
Other substances	any one or more substances in concentrations that impair any of the protected beneficial water uses or make aquatic life or wildlife unfit or unpalatable for consumption;

- g. The turbidity of the waters of Walnut Creek at any point to increase above background levels by more than the following:

Receiving Water Background Incremental Increase

<50 Units	5 Units, maximum
50-100 Units	10 Units, maximum
>100 Units	10% of Background, maximum.

3. The waste as discharged to waters of the State shall meet the following quality limits at all times:

Settleable Matter	1.0 ml/l/hr., maximum
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4. The mean daily discharge of waste for any seven consecutive days shall not exceed 50,000 gallons per day.

B. Provisions

1. This order includes items numbered 1 through 6 of the attached "Notifications" dated January 6, 1970.
2. This order includes items numbered 1, 6 and 7 of the attached "Reporting Requirements" dated August 28, 1970.
3. Contra Costa County Water District shall comply with the following time schedule and reporting program to assure compliance with the waste discharge requirements of this order.

<u>TASK</u>	<u>COMPLETION DATE</u>	<u>STATUS REPORT DATE</u>
Compliance with Requirements	September 30, 1971	October 15, 1971

I, Fred H. Dierker, Executive Officer, do hereby certify the foregoing is a full, true and correct copy of an order adopted by the California Regional Water Quality Control Board, San Francisco Bay Region, on June 24, 1971.

Executive Officer